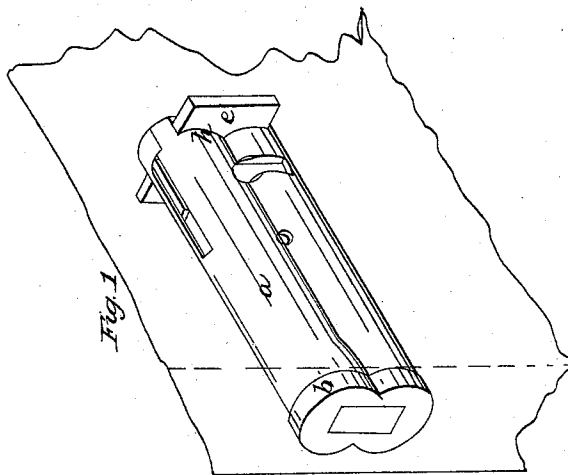
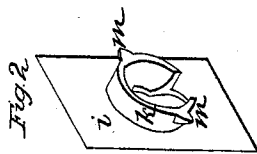
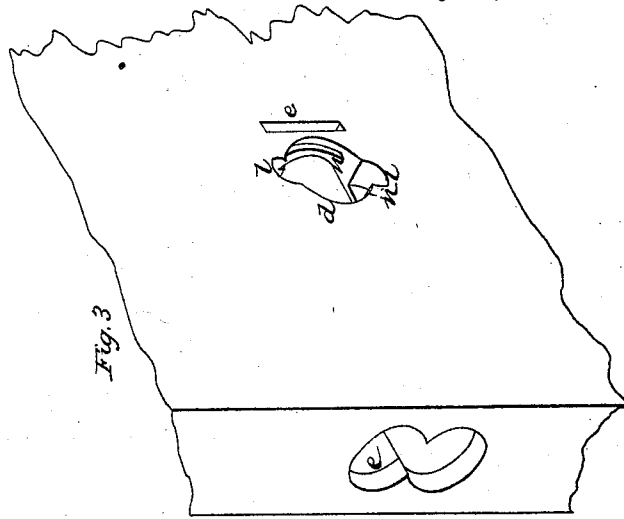


R. Kinsley,
Lock Trimmings.

N^o 5,791.

Patented Sep. 19, 1848.



UNITED STATES PATENT OFFICE.

RHODOLPHUS KINSLEY, OF SPRINGFIELD, MASSACHUSETTS.

LOCK AND ESCUTCHEON.

Specification of Letters Patent No. 5,791, dated September 19, 1848.

To all whom it may concern:

Be it known that I, RHODOLPHUS KINSLEY, of Springfield, in the county of Hampden and State of Massachusetts, have invented a new and Improved Method of Affixing Mortise-Locks to Doors and also for Attaching the Escutcheons Thereof Without the Employment of Screws, and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1, is an isometrical view of the lock, the red lines showing the door which appears transparent. Fig. 2, is a detached view of the escutcheon showing the inside. Fig. 3, shows a portion of the door prepared for the lock before it is inserted.

The nature of my invention consists in so constructing a lock as that it can be put into a door without mortising with a chisel simply by boring; and in fastening said lock and escutcheons in place without the use of screws, by which I effect a great saving in expense and perform the work much more expeditiously.

The shell of the lock *a* is formed of two cylinders and has heretofore been patented by me; but to this shell a face plate *b* is affixed of the same form, but of a little larger diameter than the body of the shell, but not of sufficient size to admit a screw or screws; by this form of lock and face plate, I am enabled to form the entire mortise *c* without the use of a chisel, another hole *d* is bored through the door which intersects the others at right angles, and serves for the keyhole. Behind the last named hole, an oblong one *e* is made, into which a wooden key *e'* is driven. This key passes through a mortise *h*, in the rear end of the lock, and firmly fastens it in its place; this key is cut off flush with the face of the door, and is covered by the escutcheon.

The escutcheon *i* is formed in any ordinary shape, but around the keyhole, there is a circular flanch *k* projecting on the inside, that just fits the hole *d*, in the door;

on the side of this flanch are two spurs *m*, by which the escutcheon is fastened in the following manner: Two small holes *l, l*, are made, one at top, and the other below the hole *d*, which intersects it; these receive the spurs *m* above-named, when the escutcheon is put on at right angles to its proper position, and then by turning it a quarter round, the two spurs take into the wood on the side of the hole *d*, and securely affix the escutcheon without the use of screws. This, it will be perceived, requires a peculiar formation of the escutcheon by casting a flanch on its face next the door to which they are affixed, and projecting so as to enter the hole formed for them, and there fastened in a mode never before essayed for that purpose, and by a simple contrivance not materially enhancing their price, and rendering the escutcheon, easy to attach or detach, so as to enable any person to remove it for cleaning and other purposes.

It is obvious that the plates for the knobs, can be fastened in a similar manner; and the catch bolt be substituted for the lock. Other formed locks can be affixed to the door, by the same means as that employed in this, but not with as little expense.

Having thus fully described my improvements, I wish it to be understood that I do not confine myself to the exact form of lock, or to any particular form of ornament on the face plate of the escutcheon. But

What I do claim as my invention, and desire to secure by Letters Patent is—

1. The face plate so formed as to be fitted by boring alone without the use of a chisel.

2. I claim also constructing the escutcheon in the manner described with a projecting flanch on the inside, on which are spurs, by which the escutcheon is fastened to the door without screws, substantially in the manner set forth.

RHODOLPHUS KINSLEY.

Witnesses:

JAS W. NEWCOMB,
SAMUEL BAILEY.